

## ABSTRACT

A coplanar type circularly polarize wave planar antenna is provided, which can be formed on one side of a dielectric substrate. The planar antenna comprises a dielectric substrate; an almost square radiating element formed on one main surface of the dielectric substrate, the radiating element having notched portions at two corners opposing in one diagonal direction; and a ground conductor formed on the one main surface, the ground conductor having a square opening portion at a center portion thereof and a square outer peripheral shape. The radiating element is placed inside the opening portion of the ground conductor with a gap of a predetermined width being provided with respect to the ground conductor.